

FIG. 1

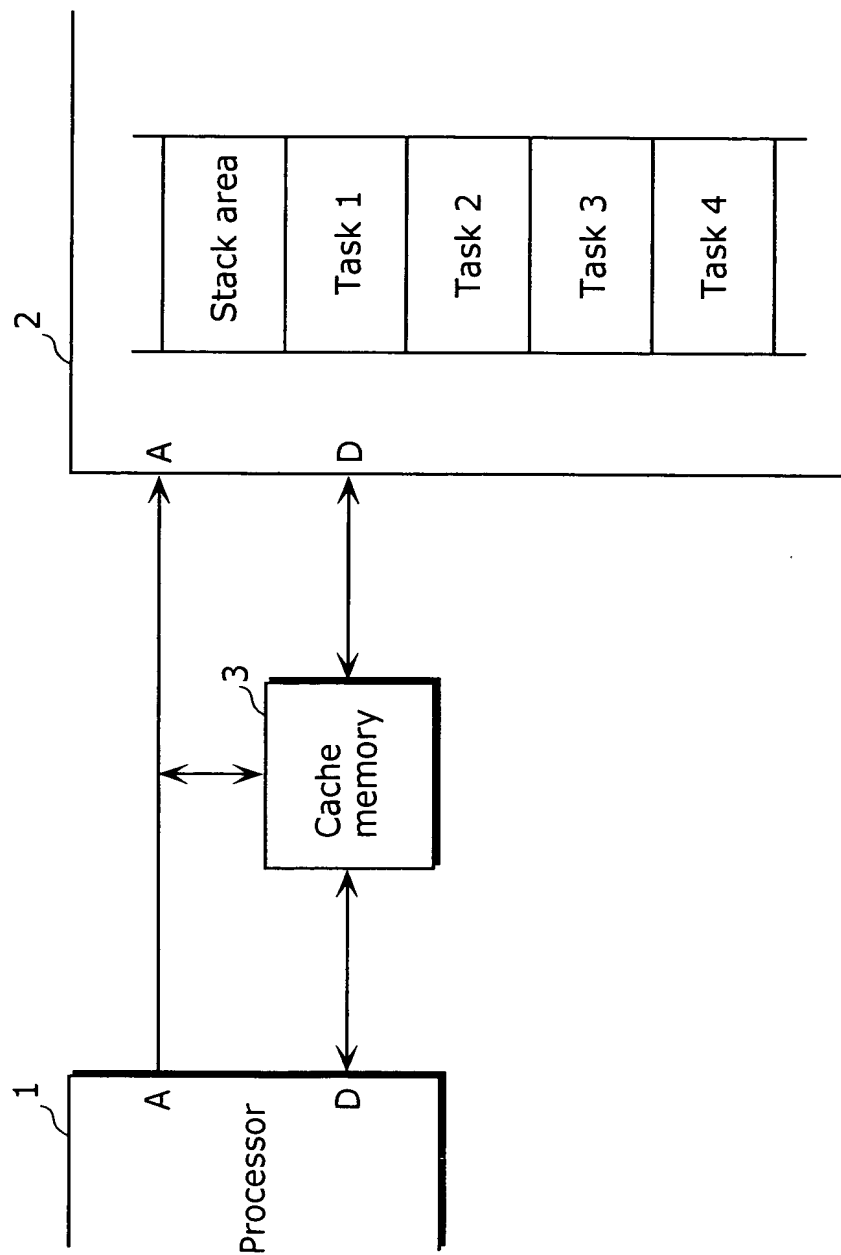


FIG. 2

Address

31 11 10 7 6 2 10

Tag address SI WI

21 4 5

6 31

Control unit

Way register

371

38

31h

16 Set

31b

31a

V Tag Data

1 21

32h

32b

32a

33h

33b

33a

128B

128B

128B

16

h15

h1

h0

34

hit

35

36

37

Data

Data

FIG. 3

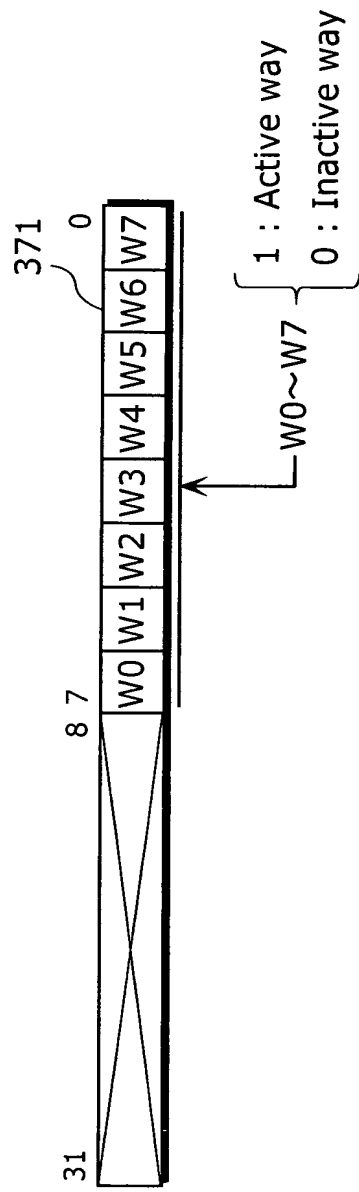


FIG. 4

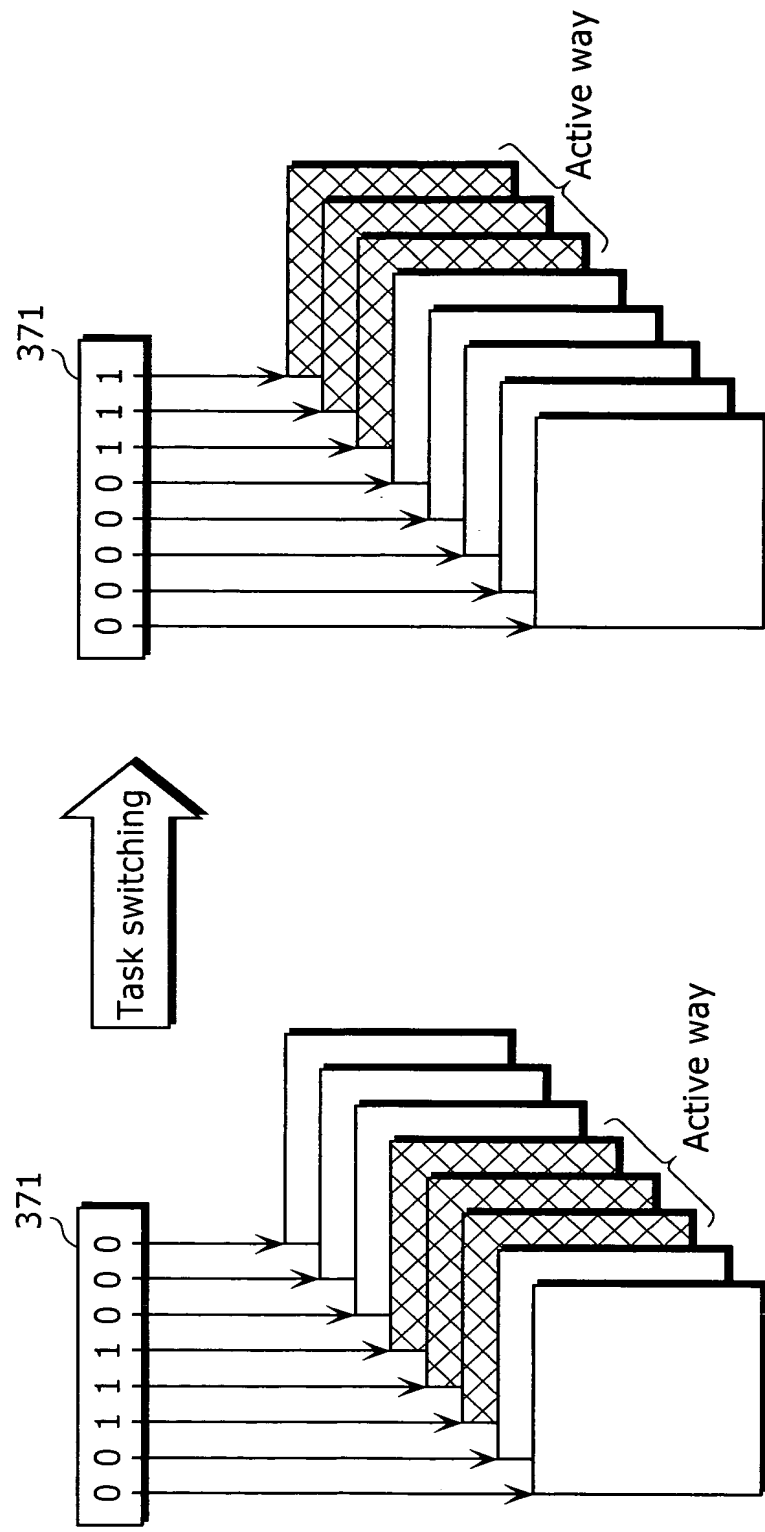


FIG. 5

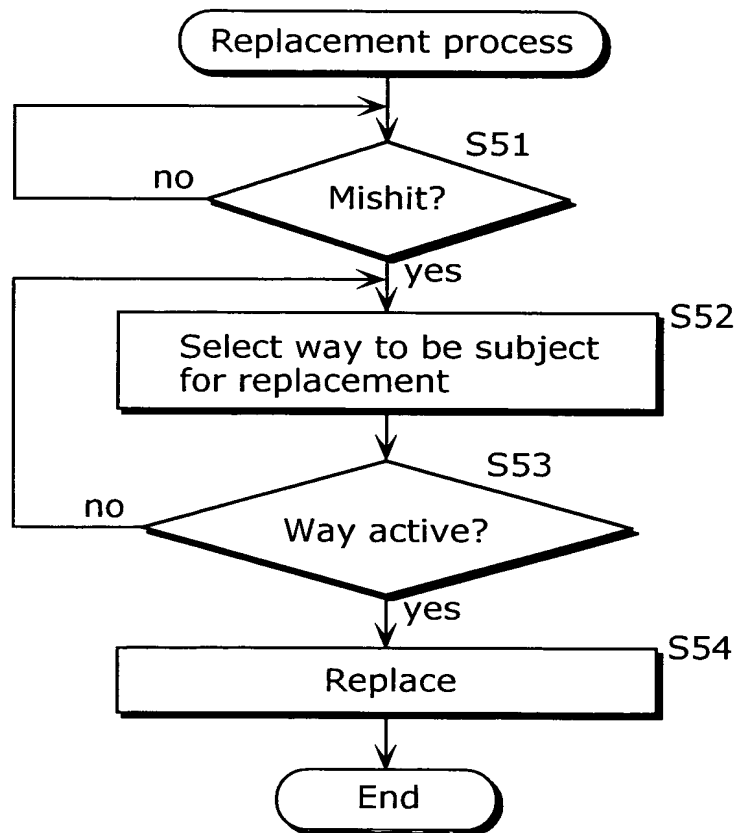


FIG. 6

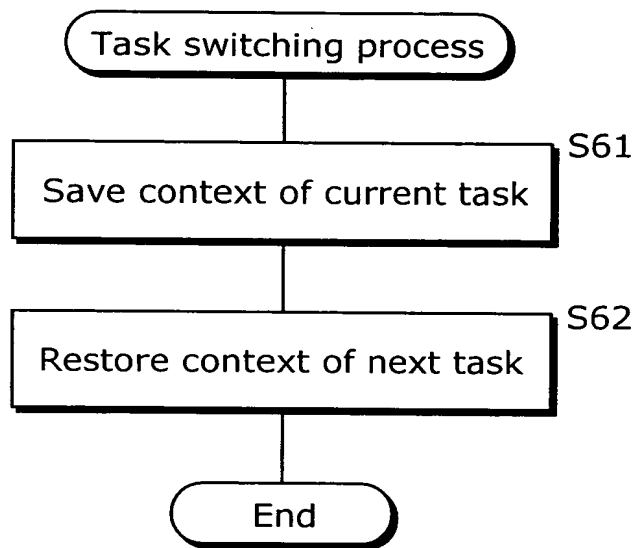
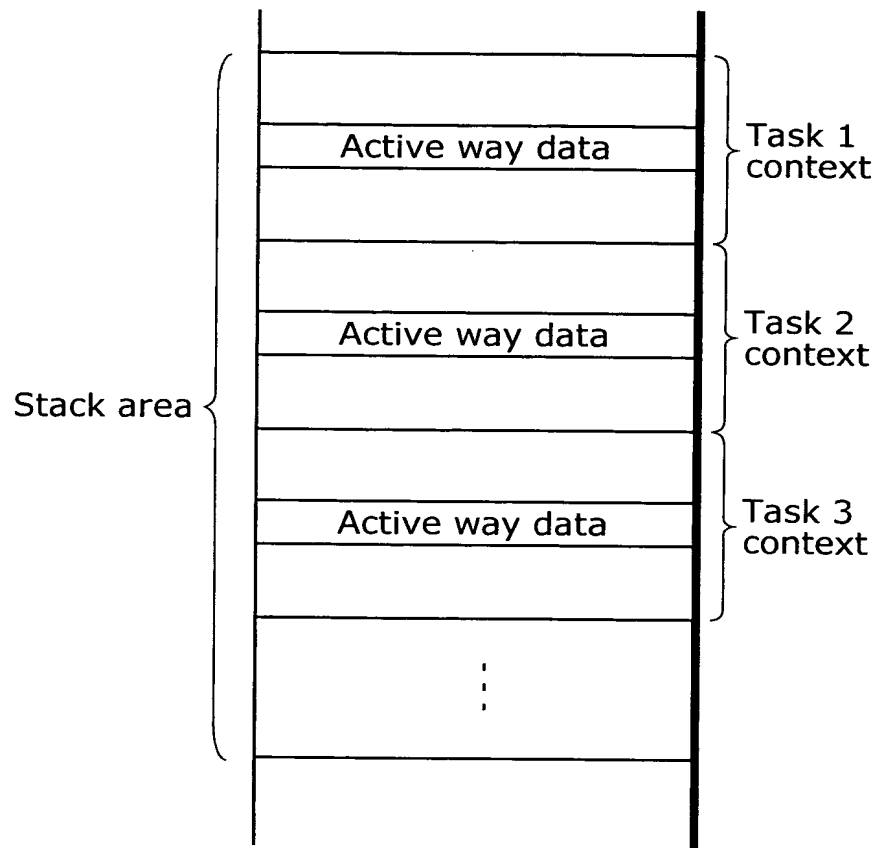


FIG. 7



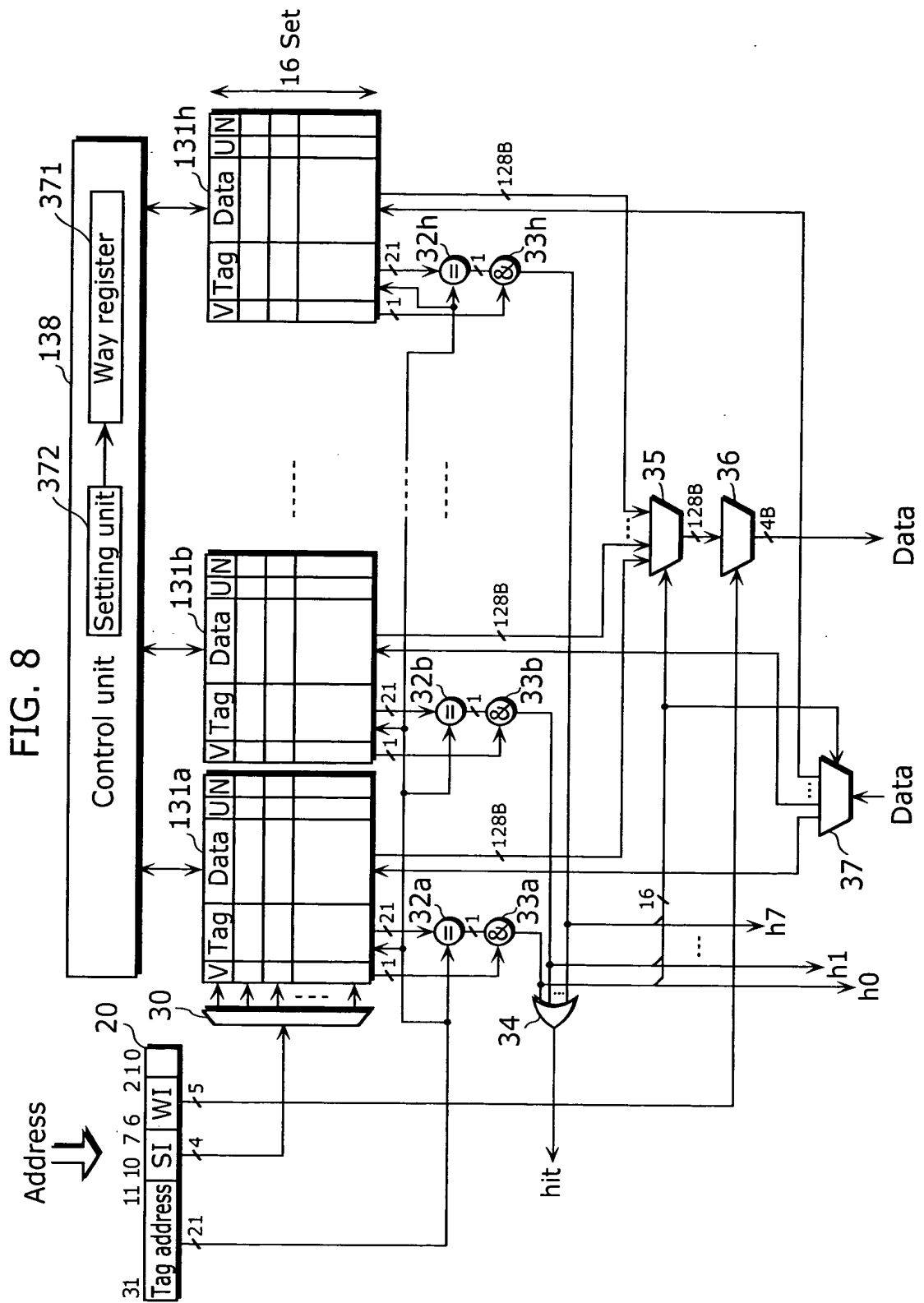




FIG. 9

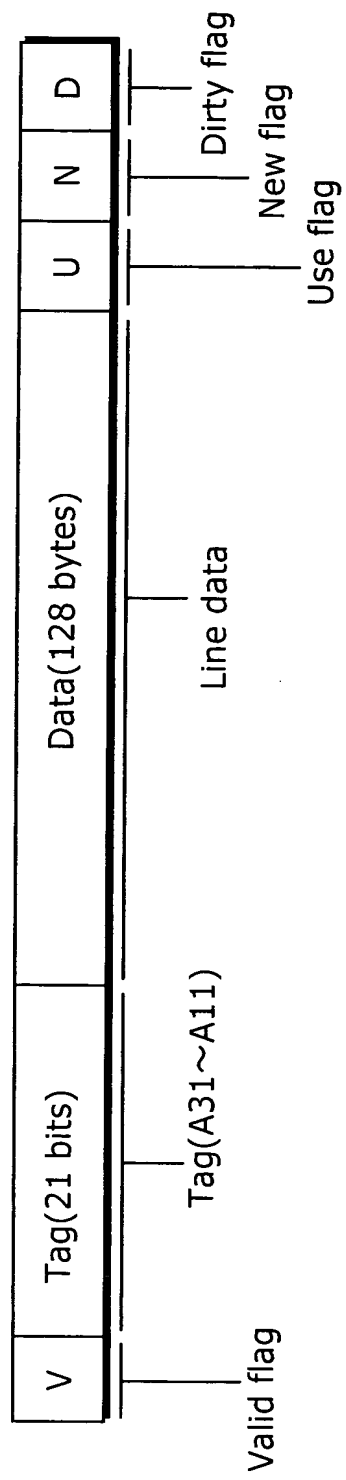


FIG. 10

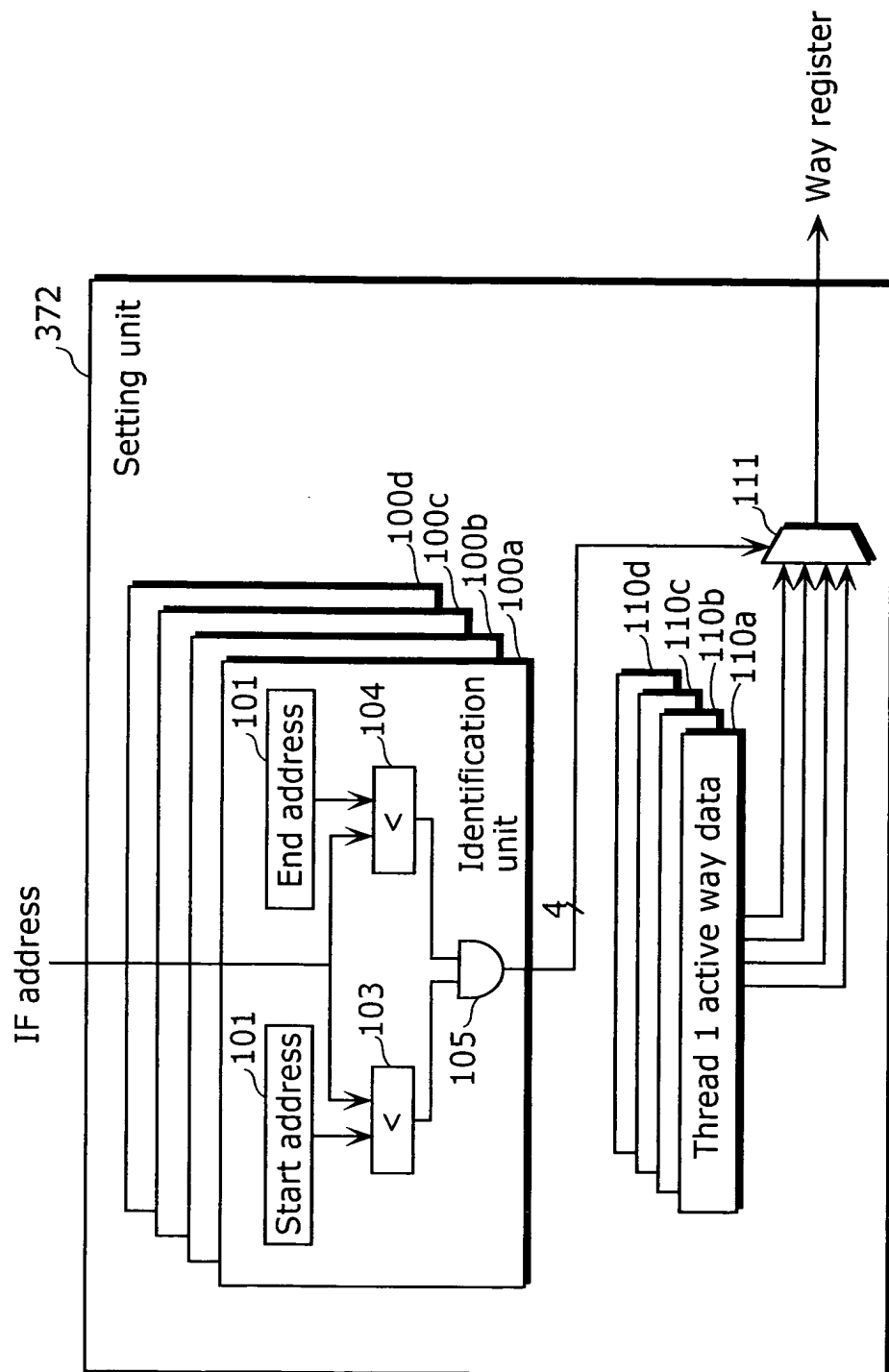


FIG. 11

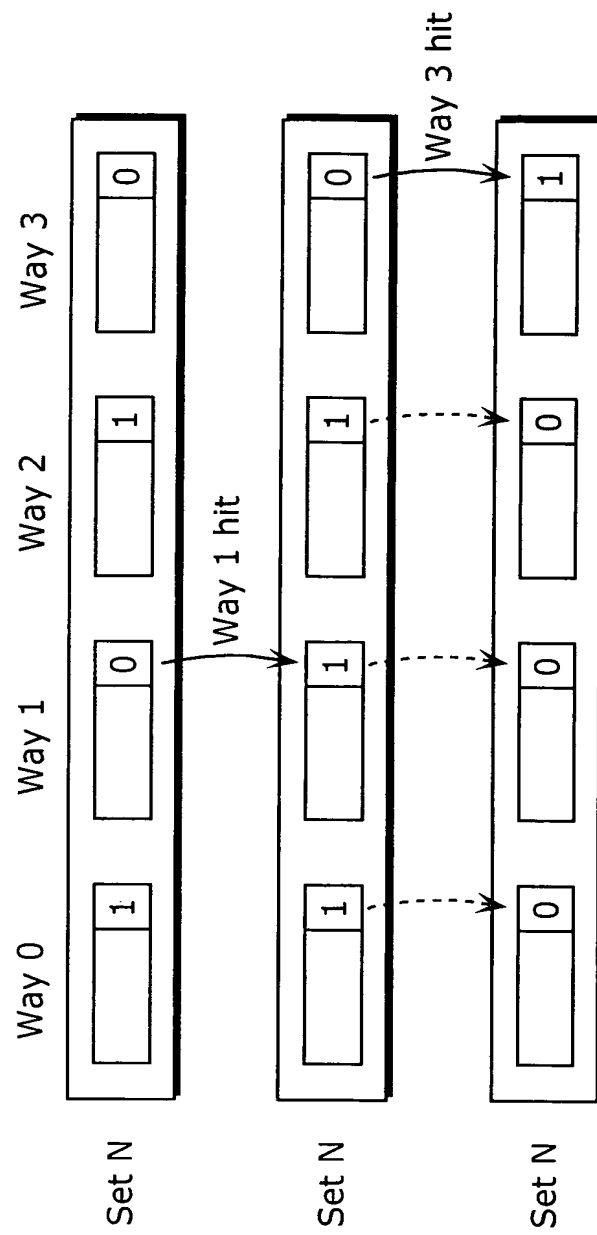


FIG. 12

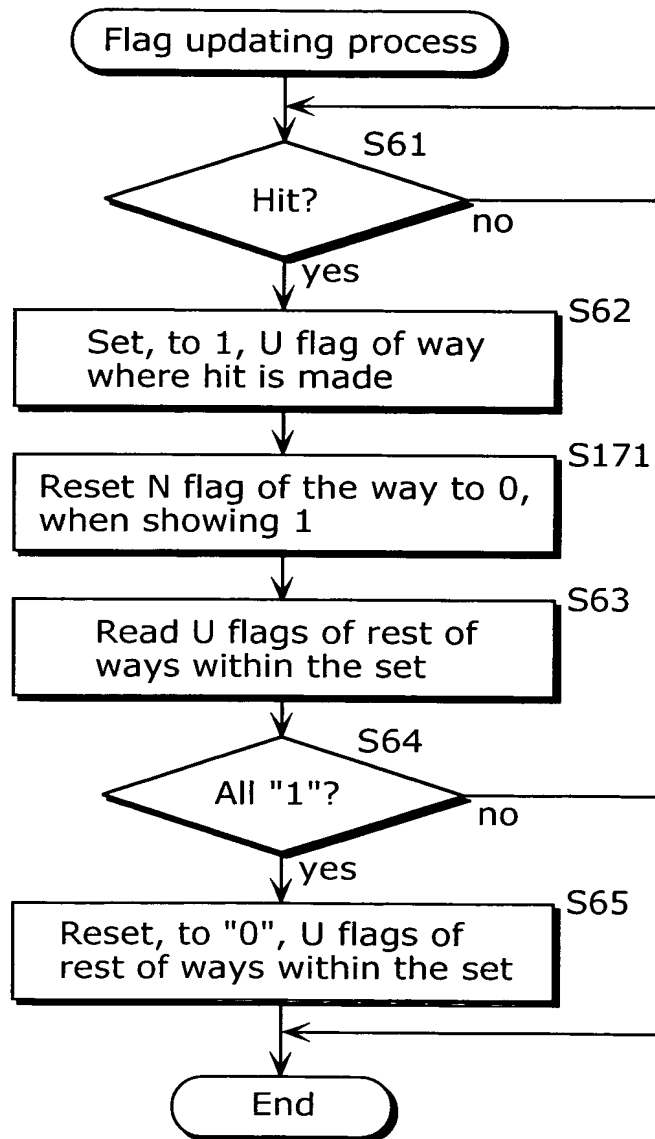
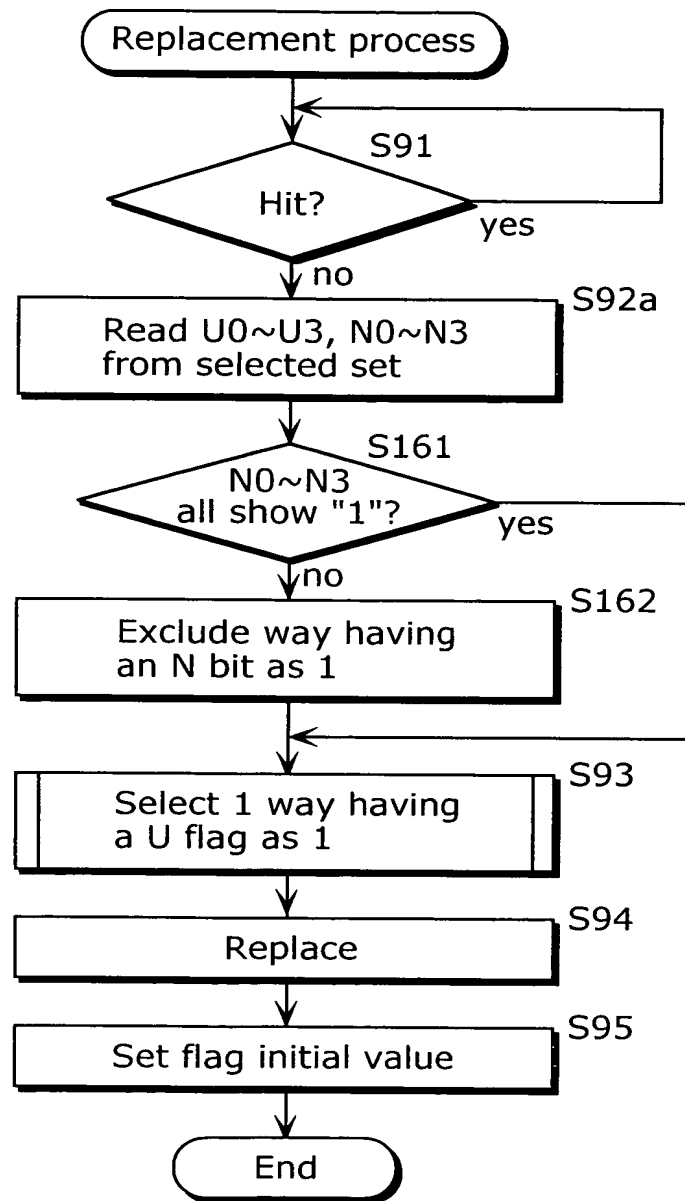


FIG. 13



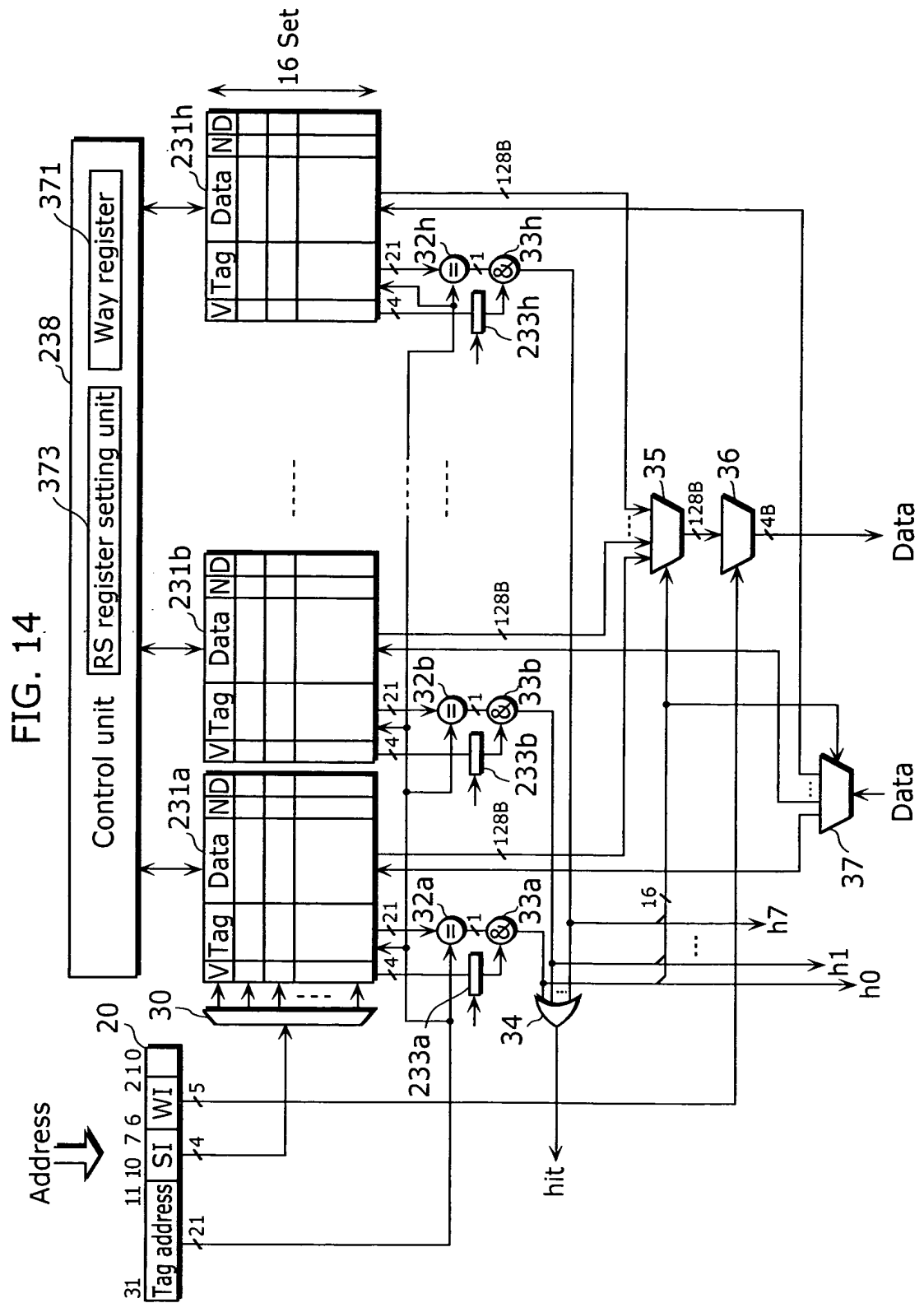


FIG. 15

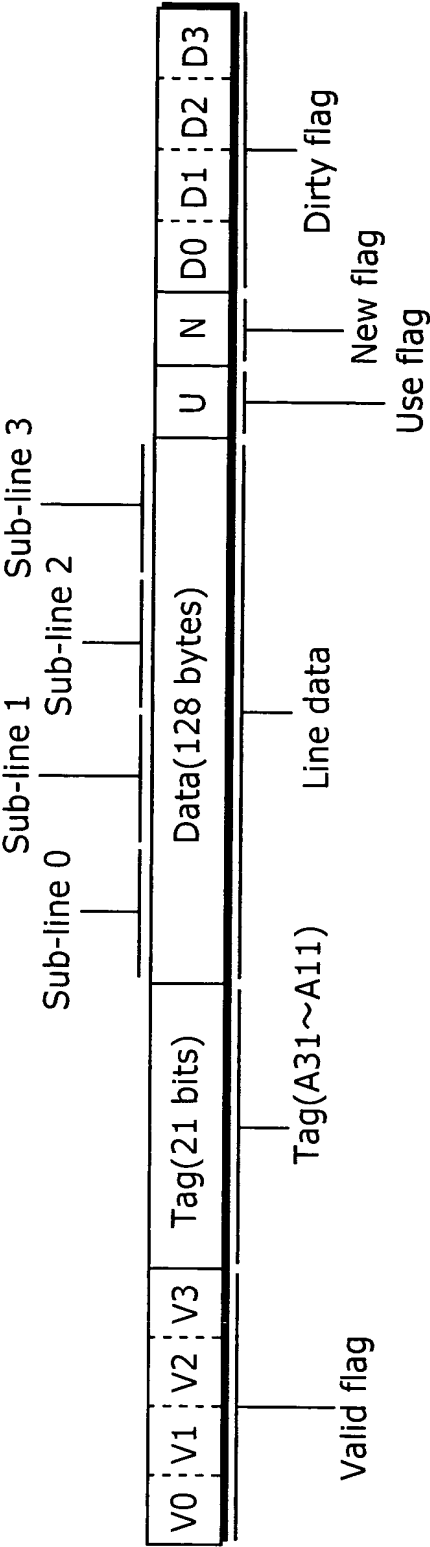


FIG. 16

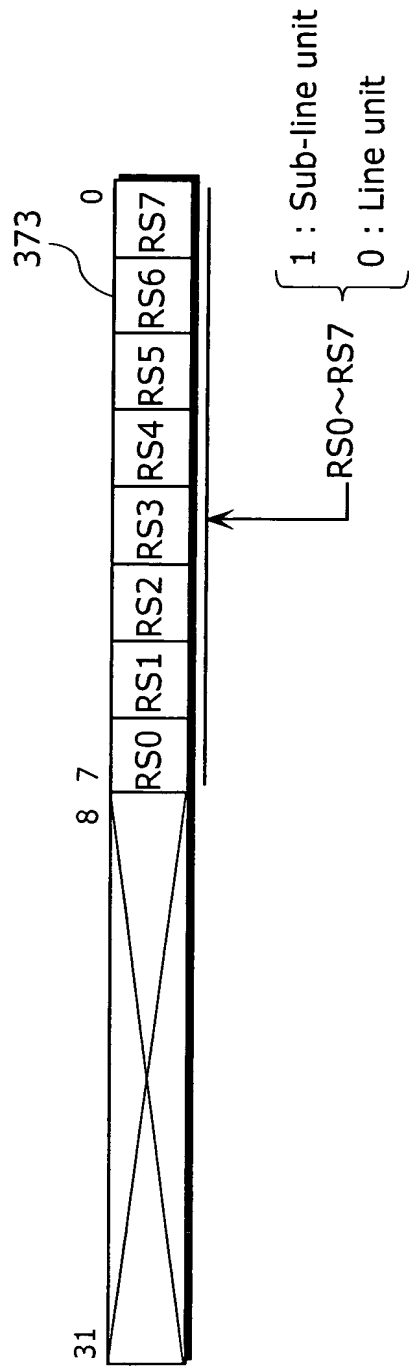




FIG. 17

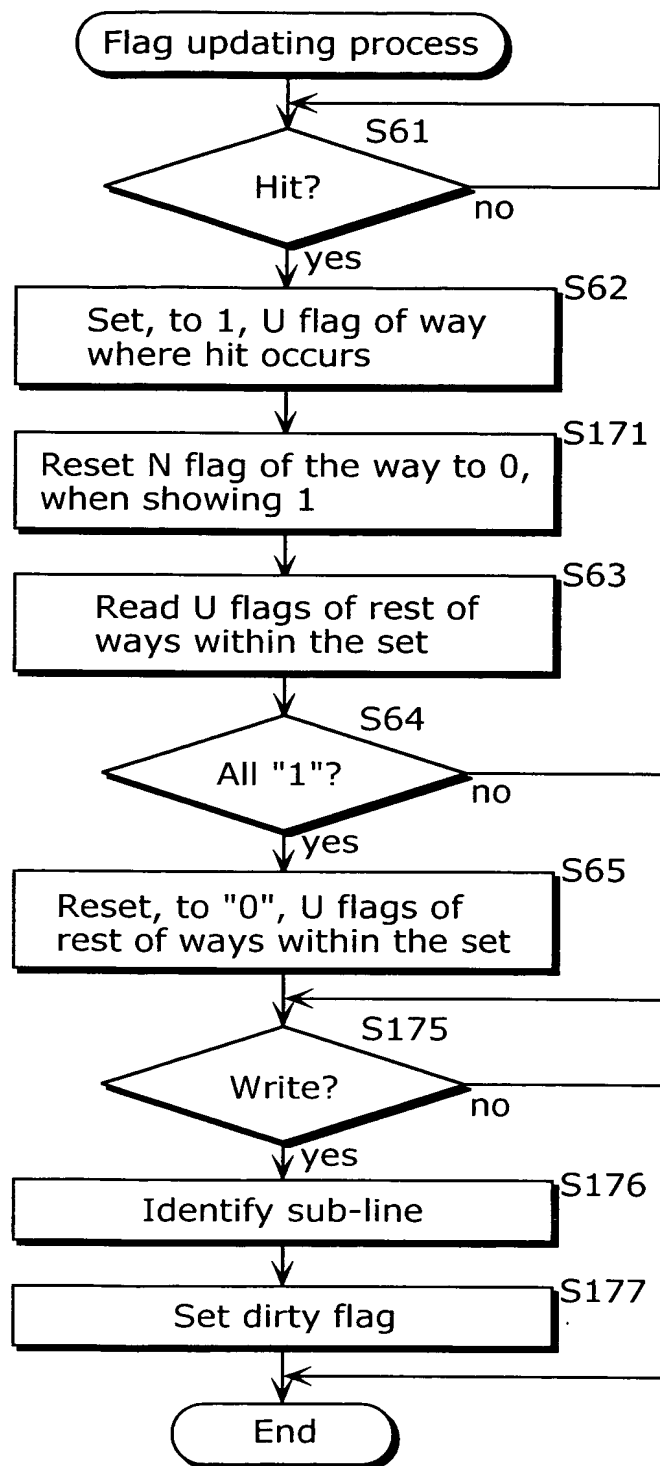


FIG. 18

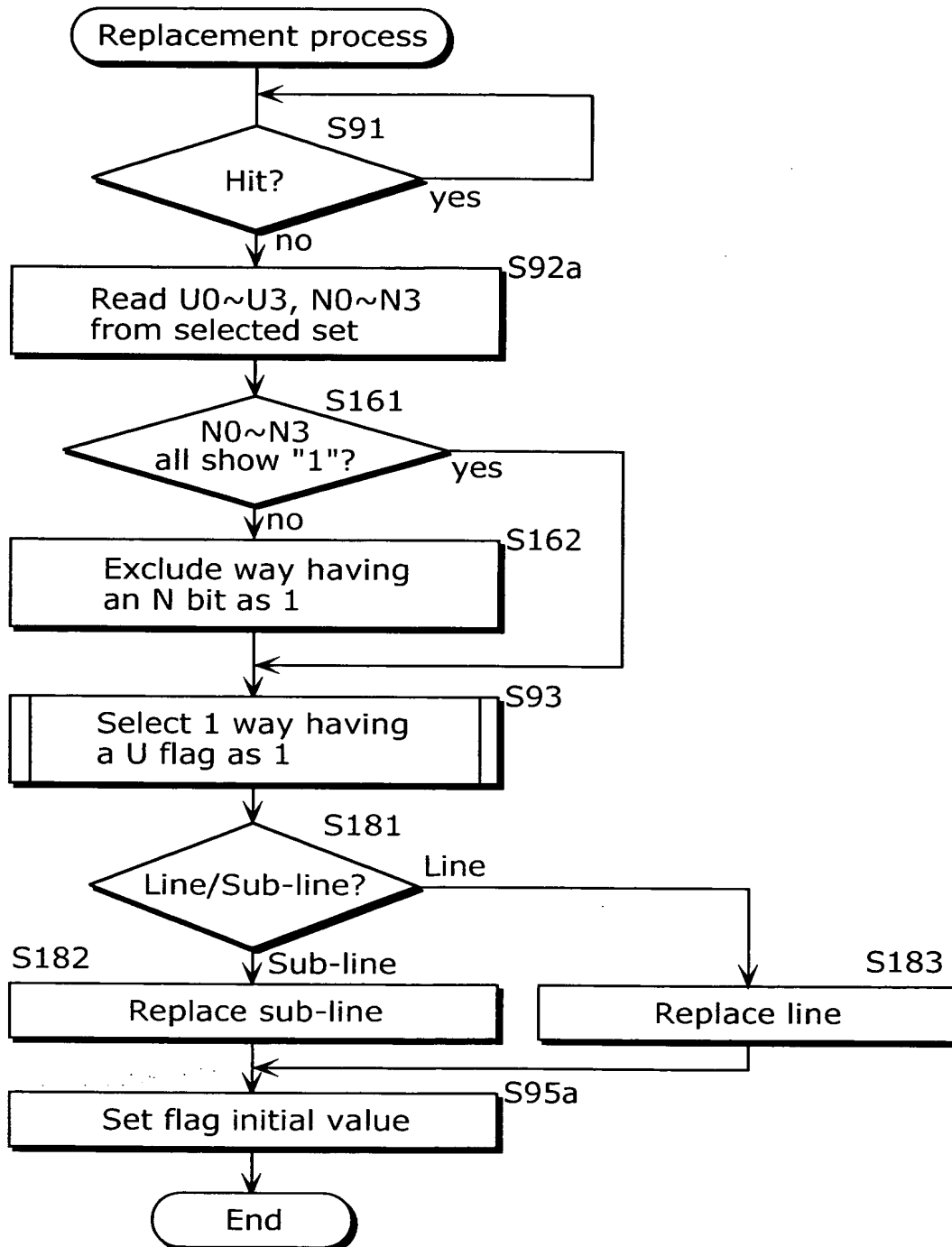


FIG. 19

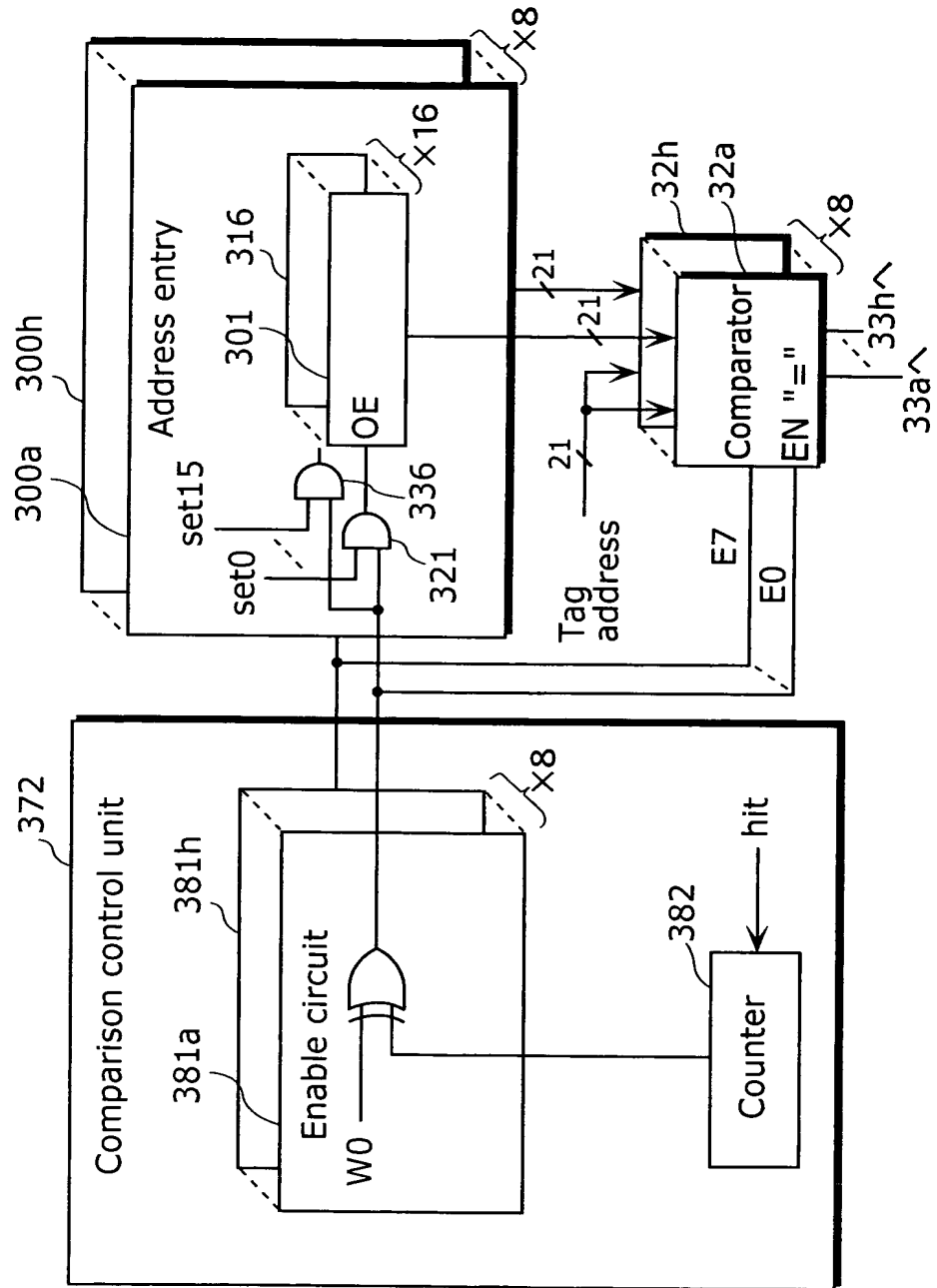


FIG. 20

Input		Output
Wn(n=0~7)	Count value	En
1(Active)	0(First time)	1(Enable)
1(Active)	1(Second time)	0(Disable)
0(Inactive)	0(First time)	0(Disable)
0(Inactive)	1(Second time)	1(Enable)